## MONTANA STATE AVIATION SYSTEM PLAN 1995 UPDATE FIELD INSPECTION FORM

| AIRPORT: | CONRAD (S01) | AIRPORT REFERENCE CODE: | B-I (SM) |
|----------|--------------|-------------------------|----------|
| CITY:    | CONRAD       | APPROACH TYPE:          | NPI      |
| CONTACT: | STEVE BECKER | DATE INVENTORIED:       | 1-25-96  |
| PHONE #: | 278-5672     | INSPECTED BY:           | RSD      |

| RUMWAY 5/22 INVENTORY  DISTANCE TO:  HOLD LINES FROM CENTERLINE:  HOLD LINES FROM CENTERLINE:  PARALLEL TAXIWAY FROM CENTERLINE:  PARALLEL TAXIWAY FROM CENTERLINE:  125' 197'  RUNWAY WDTH:  60' 73'  RUNWAY WDTH:  80' 75%  RUNWAY SAFETY AREA (RSA) WIDTH:  RUNWAY TRANSITION SURFACE PENETRATIONS:  LONGITUDINAL GRADE - SITE DIST. PROBLEMS:  OBSTACLE FREE ZONE ANALYSIS:  PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):  PAVEMENT BORE LIP HEIGHT (MIN AND MAX):  PAVEMENT MARKING TYPE:  NPI  RUNWAY 5 END INVENTORY  SAFETY AREA (RSA) BEYOND RUNWAY END:  OBJECT FREE AREA (OFA) BEYOND RUNWAY END:  OK  OK   OK  OK  OK  OK   OK  OK  OK  |   | REQUIRED       | ACTUAL                  | ALP     | CONFORM  |  |  |
|--|---|----------------|-------------------------|---------|----------|--|--|
| HOLD LINES FROM CENTERLINE:   125'   125-127'  | RUNWAY 5/23 INVENTORY                   |                |                         |         |          |  |  |
| PARALLEL TAXIWAY FROM CENTERLINE:  | DISTANCE TO:                            |                |                         |         |          |  |  |
| AIRCRAFT PARKING FROM CENTERLINE:  RUNWAY WIDTH:  RUNWAY WIDTH:  RUNWAY LENGTH:  S, 100' (1)  RUNWAY SAFETY AREA (RSA) WIDTH:  RUNWAY DEJECT FREE AREA (OFA) WIDTH:  PAVEMENT BOSE LIP HEIGHT (MIN AND MAX):  PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):  PAVEMENT MARKING TYPE:  PAVEMENT MARKING CONDITION:  RUNWAY 5 END INVENTORY  SAFETY AREA (RSA) BEYOND RUNWAY END:  OBJECT FREE AREA (OFA) BEYOND RUNWAY END:  OK  APPROACH OBSTRUCTIONS:  RUNWAY LIGHTING INVENTORY  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TYPE:  MRIL, STAKE MOUNTED, CROUSE-HINDS  N/A  WHITE  WHITE A YELLOW  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  10'  10'  10'  10'  AXIMUM OBJECTANCE BETWEEN LIGHTS:  TO T  | HOLD LINES FROM CENTERLINE:             | 125'           | 125'-127'               |         | ✓        |  |  |
| RUNWAY MIDTH: RUNWAY LENGTH: S, 100' (1) RUNWAY SAFETY AREA (RSA) WIDTH: RUNWAY SAFETY AREA (RSA) WIDTH: RUNWAY OBJECT FREE AREA (OFA) WIDTH: RUNWAY OBJECT FREE AREA (OFA) WIDTH: RUNWAY OBJECT FREE AREA (OFA) WIDTH: RUNWAY TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: DAYMEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION:  RUNWAY   | PARALLEL TAXIWAY FROM CENTERLINE:       | 150'           | N/A                     |         | N/A      |  |  |
| RUNWAY LENGTH:  RUNWAY SAFETY AREA (RSA) WIDTH:  RUNWAY SAFETY AREA (RSA) WIDTH:  RUNWAY OBJECT FREE AREA (OFA) WIDTH:  RUNWAY TRANSITION SURFACE PENETRATIONS:  LONGITUDINAL GRADE - SITE DIST. PROBLEMS:  OK  OK  OK  OK  OK  OK  OK  OK  OK  O  | AIRCRAFT PARKING FROM CENTERLINE:       | 125'           | 197'                    |         | ✓        |  |  |
| RUNWAY SAFETY AREA (RSA) WIDTH:  RUNWAY OBJECT FREE AREA (OFA) WIDTH:  PRIMARY / TRANSITION SURFACE PENETRATIONS:  LONGITUDINAL GRADE - SITE DIST. PROBLEMS:  OSBSTACLE FREE ZONE ANALYSIS:  250 W & 7:1 (2)  OK  OK  OK  OK  OK  OK  OK  OK  OK  O  | RUNWAY WIDTH:                           | 60'            | 73'                     |         | ✓        |  |  |
| RUNWAY OBJECT FREE AREA (OFA) WIDTH:  PRIMARY / TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS:  OBSTACLE FREE ZONE ANALYSIS:  PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):  PAVEMENT MARKING TYPE:  PAVEMENT MARKING CONDITION:  RUNWAY 5 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE ARE |   | 5,100' (1)     |                         | 4,600'  | 75%      |  |  |
| PRIMARY / TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OSSTACLE FREE ZONE ANALYSIS: PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION:  RUNWAY 5 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 20 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 21 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 22 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 21 END INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' AV MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 4 MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 10' 4 MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'   |   |                |                         |         |          |  |  |
| LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: OBSTACLE FREE ZONE ANALYSIS: 250' WIDE x 200' BEYOND  AVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION:  RUNWAY  |   | 250'           |                         |         | ✓        |  |  |
| OBSTACLE FREE ZONE ANALYSIS: PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: NPI BASIC / NPI PAVEMENT MARKING CONDITION:  RUNWAY  SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY PND ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR: WHITE WHITE & YELLOW  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: 10' 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 4' THESHOLD 23 DISTANCE FROM PAVEMENT EDGE: NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 4' MIRL STANCE FROM PAVEMENT EDGE: 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'   |   | 250' W & 7:1   |                         |         | NO       |  |  |
| PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION:  RUNWAY  |   |                | OK                      |         | ✓        |  |  |
| PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION:  RUNWAY 5 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS:  COLOR:  THESHOLD 5 DISTANCE FROM PAVEMENT EDGE: 10' MAXIMUM DISTANCE BETWEEN LIGHTS: 10' MITCANCE  MITCANCE  AND  | OBSTACLE FREE ZONE ANALYSIS:            | 250' WIDE x 20 | 250' WIDE x 200' BEYOND |         |          |  |  |
| PAVEMENT MARKING CONDITION:  RUNWAY 5 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 20 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR:  WHITE  WHITE  THESHOLD 5 DISTANCE FROM PAVEMENT EDGE: DISTANCE FROM PAVEMENT EDGE: DISTANCE FROM PAVEMENT EDGE: TO' RED/GREEN  RED/GREEN  THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 21 DISTANCE BETWEEN LIGHTS: TO' DISTANCE FROM PAVEMENT EDGE: TO' RED/GREEN  TO' TO' TO' TO' TO' TO' TO' TO' TO' TO   | PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): | 1.5" - 3"      |                         |         | OK       |  |  |
| RUNWAY 5 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: COLOR:  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MIRL STAKE MOUNTED, CROUSE-HINDS N/A COLOR: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MIRL STAKE MOUNTED, CROUSE-HINDS N/A COLOR: WHITE WHITE A YELLOW  THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: MIRL STAKE MONTE SATURE  WHITE W | =                                       | NPI            | BASIC / NPI             |         | ✓        |  |  |
| SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: 240' OK APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) OK    V OK  V  APPROACH OBSTRUCTIONS: ON OK  V  ID' OK  V  ID' OK  V  V  V  MIRL, STAKE MOUNTED, CROUSE-HINDS OK  V  THRESHOLD  THRESHOLD | PAVEMENT MARKING CONDITION:             |                | FAIR                    |         | N/A      |  |  |
| SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: 240' OK APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) OK    V OK  V  APPROACH OBSTRUCTIONS: ON OK  V  ID' OK  V  ID' OK  V  V  V  MIRL, STAKE MOUNTED, CROUSE-HINDS OK  V  THRESHOLD  THRESHOLD |   |                |                         |         |          |  |  |
| SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: 240' OK APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (RSA) OK    V OK  V  APPROACH OBSTRUCTIONS: ON OK  V  ID' OK  V  ID' OK  V  V  V  MIRL, STAKE MOUNTED, CROUSE-HINDS OK  V  THRESHOLD  THRESHOLD | RIINWAY 5 FND INVENTORY                 |                |                         |         |          |  |  |
| OBJECT FREE ÀREÁ (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREĀ (RSĀ) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: COLOR:  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A  WHITE WHITE & YELLOW  THRESHOLD 5 DISTANCE BETWEEN LIGHTS: 10' 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  FAIR N/A  COLOR: RED/GREEN RED/GREEN FAIR V  MO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  FAIR NO MO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  MAXIMUM DISTANCE FROM PAVEMENT EDGE: 10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  MAXIMUM DISTANCE FROM PAVEMENT EDGE: 10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'   |   | 240'           | OK                      |         | ./       |  |  |
| APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TO' MAXIMUM |   |                | <b>-</b> - · · ·        |         |          |  |  |
| RUNWAY END ELEVATION:  RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: MIRL, STAKE MOUNTED, CROUSE-HINDS MIRL, STAKE MOUNTED, CROUSE-HINDS MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' RED/GREEN  WHITE WHITE & YELLOW  A WHITE WHITE & YELLOW  WHATE WHITE & YELLOW  MAXIMUM DISTANCE BETWEEN LIGHTS:  MAXIMUM DISTANCE BETWEEN LIGHTS:  10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:   |   |                |                         |         |          |  |  |
| RUNWAY 23 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: CONDITION: COLOR: WHITE WHITE & YELLOW  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: 10' 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: 10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:   |   | 20.1           | IVOIVE                  | 3 544 1 |          |  |  |
| SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR: WHITE WHITE WHITE WHITE & YELLOW  THRESHOLD 10' RED/GREEN THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 4   | NOWWIT END LEEVITION.                   |                |                         | 0,011.1 | 14//     |  |  |
| SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A COLOR: WHITE WHITE WHITE WHITE & YELLOW  THRESHOLD 10' RED/GREEN THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' 4   |   |                |                         |         |          |  |  |
| OBJECT FREE ÀREÁ (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: CONDITION: COLOR:  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 10' MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 10' MAXIMUM DISTANCE BETWEEN LIGHTS: THO' MAXIMUM DISTANCE BETWEEN LIGHTS: THO TO THE MAXIMUM DISTANCE BETWEEN LIGHTS: THO' MAXIMUM DISTANCE BETWEEN LIGHTS: TH |   |                |                         |         |          |  |  |
| APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: CONDITION: COLOR:  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: THO' MAXIMUM DISTANCE BETWEEN LIGHTS: TO' MAXIMUM DISTANCE BETW |   |                | -                       |         |          |  |  |
| RUNWAY END ELEVATION:  RUNWAY LIGHTING INVENTORY  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TYPE:  CONDITION:  COLOR:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TO'  TO'  TO'  TO'  TO'  TO'  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  TO'  TO'  TO'  TO'  TO'  TO'  TO'  TO  |   |                |                         |         |          |  |  |
| RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: MIRL, STAKE MOUNTED, CROUSE-HINDS N/A CONDITION: FAIR N/A COLOR: THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 7 THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:   |   | 20:1           | NONE                    |         | -        |  |  |
| DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TYPE:  CONDITION:  CONDITION:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  WHITE WHITE & YELLOW   V  THE & YELLOW  V  THO 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  VHITE & YELLOW  V  TO'  TO'  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/   | RUNWAY END ELEVATION:                   |                |                         | 3,525.2 | N/A      |  |  |
| DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TYPE:  CONDITION:  CONDITION:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  WHITE WHITE & YELLOW   V  THE & YELLOW  V  THO 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  VHITE & YELLOW  V  TO'  TO'  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/   |   |                |                         |         |          |  |  |
| DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  TYPE:  CONDITION:  CONDITION:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  WHITE WHITE & YELLOW   V  THE & YELLOW  V  THO 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  VHITE & YELLOW  V  TO'  TO'  TO'  MAXIMUM DISTANCE BETWEEN LIGHTS:  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/   | RUNWAY LIGHTING INVENTORY               |                |                         |         |          |  |  |
| MAXIMUM DISTANCE BETWEEN LIGHTS:  TYPE:  CONDITION:  COLOR:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  THRESHOLD 10'  COLOR:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  MAXIMUM DISTANCE BETWEEN LIGHTS:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/   |   | 10'            | 10'                     |         |          |  |  |
| TYPE:  CONDITION:  CONDITION:  COLOR:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  WHITE  WHITE & YELLOW  WHITE & YELLOW  WHITE & YELLOW  THRESHOLD 5  DISTANCE BETWEEN LIGHTS:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MIRL, STAKE MOUNTED, CROUSE-HINDS  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/  |   |                |                         |         |          |  |  |
| CONDITION:  COLOR:  THRESHOLD 5  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  COLOR:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  THRESHOLD 10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  10'  10'  10'  MAXIMUM DISTANCE BETWEEN LIGHTS:  10'  10'  10'  4  |   |                | 1                       | F-HINDS | •        |  |  |
| COLOR: WHITE WHITE & YELLOW  THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE: 10' 8' NO MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' COLOR: RED/GREEN RED/GREEN  THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: 10' 10' MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS: 10'  WHITE & YELLOW  NO  RED/GREEN  RED/GREEN  Y  THRESHOLD 10' MAXIMUM DISTANCE BETWEEN LIGHTS: 10'  WHITE & YELLOW  NO  NO  NO  NO  NO  NO  NO  NO  NO   | · · · · —·                              | (2, 0.7 (2.1)  |                         |         |          |  |  |
| THRESHOLD 5 DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  COLOR:  THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  10' RED/GREEN RED/GREEN  V  MAXIMUM DISTANCE BETWEEN LIGHTS:  10' 10' 10' V   |   | WHITE          |                         |         |          |  |  |
| DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  COLOR:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  10'  10'  10'  10'  10'  10'  10'  10  |   | ******         | Will a recession        |         |          |  |  |
| MAXIMUM DISTANCE BETWEEN LIGHTS:  COLOR:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  10'  RED/GREEN  RED/GREEN  10'  10'  10'  10'  10'  10'  10'  10   |   | 401            |                         |         | NO       |  |  |
| COLOR:  THRESHOLD 23  DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  RED/GREEN  RED/GREEN  10'  10'  10'  10'  7  |   | -              |                         |         |          |  |  |
| THRESHOLD 23 DISTANCE FROM PAVEMENT EDGE: 10' 10'  MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10'  |   |                |                         |         | -        |  |  |
| DISTANCE FROM PAVEMENT EDGE:  MAXIMUM DISTANCE BETWEEN LIGHTS:  10' 10' 10'  10'   | COLOR:                                  | RED/GREEN      | RED/GREEN               |         | <b>✓</b> |  |  |
| MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' ✓   | THRESHOLD 23                            |                |                         |         |          |  |  |
| MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' ✓   | DISTANCE FROM PAVEMENT EDGE:            | 10'            | 10'                     |         | <b>✓</b> |  |  |
| COLOR: RED/GREEN RED/GREEN ✓   |   |                |                         |         |          |  |  |
|  | COLOR:                                  | RED/GREEN      | RED/GREEN               |         | ✓        |  |  |

| COMMENTS:  |
|--|
| (1) R/W LENGTH OF 3,730' FOR 75%, 4,710' FOR 95% AND 5,100' FOR 100% COVERAGE; ALP ULT OF 5,100' SHOWN |
| (2) WIND CONE (17.5%), BEACON (18%), AND LIGHT POLE (17%) PENETRATE TRANSITION SURFACE                 |
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## MONTANA STATE AVIATION SYSTEM PLAN 1995 UPDATE FIELD INSPECTION FORM

| AIRPORT: | CONRAD (S01) | AIRPORT REFERENCE CODE: | B-I (SM) |
|----------|--------------|-------------------------|----------|
| CITY:    | CONRAD       | APPROACH TYPE:          | NPI      |
| CONTACT: | STEVE BECKER | DATE INVENTORIED:       | 1-25-96  |
| PHONE #: | 278-5672     | INSPECTED BY:           | RSD      |

|   | REQUIRED  |   | ACTUAL     | ALP | CONFORM |
|---|-----------|---|------------|-----|---------|
| TAXIWAY INVENTORY                               |           |   |            |     |         |
| TAXIWAY WIDTH:                                  | 25'       |   | 40'        |     | ✓       |
| TAXIWAY SAFETY AREA WIDTH:                      | 49        |   | OK         |     | ✓       |
| TAXIWAY OBJECT FREE AREA WIDTH:                 | 89        |   | OK         |     | ✓       |
| DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ. | 44.5      |   | OK         |     | ✓       |
| PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):         | 1.5" - 3" |   | 1.5+       |     | ✓       |
| PAVEMENT MARKING TYPE:                          |           |   | YELLOW     |     | ✓       |
| PAVEMENT MARKING CONDITION:                     |           |   | FAIR       |     | N/A     |
|   |           |   |            |     |         |
| TAXIWAY LIGHTING INVENTORY                      |           |   | (1)        |     |         |
| DISTANCE FROM PAVEMENT EDGE:                    | 10'       |   | ÌÓ'        |     | ✓       |
| MAXIMUM DISTANCE BETWEEN LIGHTS:                | 200'      |   | OK         |     | ✓       |
| TYPE:   |           | F | REFLECTORS |     | (2)     |
| CONDITION:                                      |           |   | GOOD       |     | N/A     |
| COLOR:  | BLUE      |   | BLUE       |     | ✓       |

| COLOR:                                     | BLUE BLUE ✓   |
|--|---|
| MISCELLANEOUS                              |   |
| TYPE OF BEACON:                            | MOUNTED ON SHORT METAL TOWER ON TOP OF MAIN HANGAR  |
| SIZE OF BEACON:                            | 12" (4 HEAD)  |
| OTHER LIGHTING AIDS (VASI,PAPI,REIL):      | ALNACO VASI @23 END, GOOD COND, 50' OFF PVMT EDGE<br>HUGHEY & PHILLIPS REILS @23 END IN FAIR COND |
| WINDCONE (CONDITION & COMPLIANCE):         | SOUTH OF RW ~370', LIGHTED, 25'-30', FAIR COND (TOP LOOSE)  |
| SEGMENTED CIRCLE (CONDITION & COMPLIANCE): | METAL PANEL IN FAIR (WEATHERED) COND  |
| WINDCONE (CONDITION & COMPLIANCE):         |   |
| SEGMENTED CIRCLE (CONDITION & COMPLIANCE): |   |
| FENCING:                                   | GOOD - NONE   |
| SIGNS: (TYPE, CONDITION, PLACEMENT)        | TWO LUMACURVES IN GOOD COND, 15' OFF PVMT EDGE (REFLECTORIZED PANELS ARE PEELING)                 |

| COMMENTS:   |
|---|
| (1) ENTRANCE BLUE LIGHT PAIRS MARKING TAXIWAY EXITS |
| (2) MISSING ~ FOUR REFLECTORS AROUND RADIUS         |
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